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STATE DOCUMENTS

MONTANA

ANNUAL LOADOMETER SURVEY

AUGUST 1958

STATE HIGHWAY COMMISSION
HIGHWAY PLANNING SURVEY

IN COOPERATION WITH

U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS.

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MONTANA ANNUAL LOADOMETER SURVEY 1958

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INTRODUCTION

The Montana Highway Department Planning Survey initially began truck weighing operations for statistical purposes in 1936. These studies were then discontinued until 1942 but since that time have been conducted annually. In order that a more direct year to year comparison of the various data may be made, the field work is scheduled so that each station is operated during the same hours on approximately the same dates each year. In this manner loading trends of commercial vehicles in Montana have been kept current for the ultimate use in highway design.

A Teamsters Union strike throughout the Western States was in effect during the 1958 loadometer survey . This strike accounts for the decrease in certain types of heavy commercial units.

Plate I on page 2 graphically illustrates truck loading trends by showing the per cent of both loaded and empty trucks in the various weight groups by years.

The regular loadometer tables W-1 through W-6 on pages 4 - 22 summarize a variety of data collected during the summer of 1958 and compare them with similar data for 1957.

The following stations were operated during August of 1958.

STATION NUMBER	DESCRIPTION	STATION NUMBER	DESCRIPTION
2	Junction U.S. 12 and 310 South of Laurel	8	Junction of U.S. 2 and 91 West of Shelby
3	U.S. 10 West of Laurel	9	U.S. 2 East of Kalispell
4	Junction of U.S. 10 and 12 East of Miles City	10	Junction of U.S. 10 and 93 West of Missoula
5	Junction of U.S. 2 and Mont. 16 North of Culbertson	11	U.S. 10 West of Drummond
7	U.S. 89 and 91 West of Great Falls		

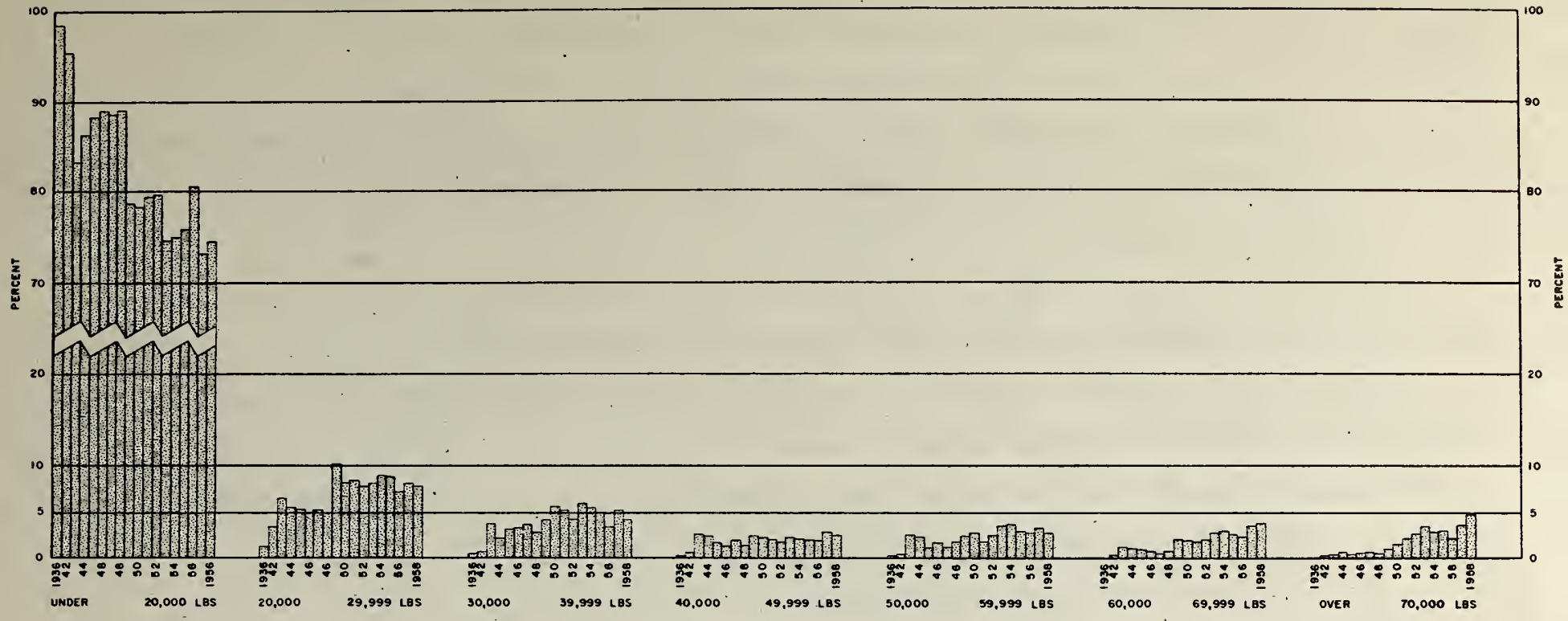
Station No. 1 on U.S. 10 and 91 west of Butte was not operated in 1957 due to road construction.

Station No. 6 on U.S. 2 West of Glasgow was not operated in 1958 due to reconstruction of scale pit.

MONTANA LOADOMETER SURVEY

TRUCK LOADING TRENDS 1936 – 1958

PERCENT OF LOADED & EMPTY TRUCKS OF ALL TYPES BY WEIGHT GROUPS



AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS
Recommended Truck Loads

No axle shall carry a load in excess of 18,000 pounds. No group of axles shall carry a load in pounds in excess of the value given in the following table corresponding to the distance in feet between the extreme axles of the group measured longitudinally to the nearest foot.

Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles	Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles
4	32,000	31	53,490
5	32,000	32	54,300
6	32,000	33	55,160
7	32,000	34	55,980
8	32,610	35	56,800
9	33,580	36	57,610
10	34,550	37	58,420
11	35,510	38	59,220
12	36,470	39	60,010
13	37,420	40	60,800
14	38,360	41	61,580
15	39,300	42	62,360
16	40,230	43	63,130
17	41,160	44	63,890
18	42,080	45	64,650
19	42,990	46	65,400
20	43,900	47	66,150
21	44,800	48	66,890
22	45,700	49	67,620
23	46,590	50	69,350
24	47,470	51	69,070
25	48,350	52	69,790
26	49,220	53	70,500
27	50,090	54	71,200
28	50,950	55	71,900
29	51,800	56	72,590
30	52,650	57	73,280

STATE OF MONTANA MAXIMUM LEGAL WEIGHTS OF VEHICLES AND COMBINATIONS OF VEHICLES, AS AMENDED 1953

Permissible Loads: No axle shall carry a load in excess of 18,000 pounds. An axle load shall be defined as the total load transmitted to the road by all wheels whose centers may be included between two parallel transverse vertical planes 40 inches apart, extending across the full width of the vehicle.

Subject to the above limitations, the following schedule of gross weights, in pounds, applies to distance in feet between the extreme axles of any group measured to the nearest foot. If a fraction is exactly one-half foot, the next largest whole number is used.

Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles	Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles
4	32,000	31	60,350
5	32,000	32	61,200
6	32,200	33	62,050
7	32,900	34	62,900
8	33,600	35	63,750
9	34,300	36	64,600
10	35,000	37	65,450
11	35,700	38	66,300
12	36,400	39	67,150
13	37,100	40	68,000
14	43,200	41	68,000
15	44,000	42	68,000
16	44,800	43	68,000
17	45,600	44	68,000
18	46,400	45	68,000
19	47,200	46	68,800
20	48,000	47	69,600
21	48,800	48	70,400
22	49,600	49	71,200
23	50,400	50	72,000
24	51,200	51	72,800
25	55,250	52	73,600
26	56,100	53	74,400
27	56,950	54	75,200
28	57,800	55	76,000
29	58,650	56	76,400
30	59,500	57	76,800

TABLE W-1

STATE OF MONTANA

LOCATION AND TIME OF OPERATION OF EACH LOADOMETER STATION, SHOWING NUMBER OF VEHICLES COUNTED AND WEIGHED AT EACH STATION BY TYPE DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958 COMPARED TO CORRESPONDING DATA FOR 1957

STATION NUMBER	ROUTE NUMBER	DESCRIPTION OF STATION LOCATION	YEAR	MONTH & DAY	DAY OF WEEK	HOURS	VEHICLES COUNTED																		TRUCKS & COMBINATIONS WEIGHED														
							PASSENGER CARS					SINGLE UNIT TRUCKS				TRACTOR SEMI-TR.				OTHER COMBINATIONS								SINGLE UNITS				TRACTOR SEMI-TR.				OTHER COMBINATIONS		
							LOCAL	FOREIGN	BUSSES - INTERCITY	LT. TRAILERS & PASS. CARS	LT TRAILERS & OTHER	PICK UP & PANELS	2-AXLE 4-TIRED	2-AXLE 6-TIRED	3-AXLE	2S-1	2S-2	3S-1	3S-2	2-2	3-2	2S1-2	BUSSES - INTERCITY	LT. TRAILERS & PASS. CARS	LT. TRAILERS & OTHER	PICKUPS	2-AXLE 4-TIRED	2-AXLE 6-TIRED	3-AXLE	2S-1	2S-2	3S-1	3S-2	2-2	3-2	2S1-2
1			58				NOT WEIGHED BECAUSE OF ROAD RELOCATION																															
2	US 12 & 310	North leg of Junction U.S. 12 & 310 near Rockvale on Federal Aid Primary Route 4	58	8-8	Fri.	6-2	465	345	4	17	3	117		69	4	9	11		12	3	27				2	10		27	3	7	6		3	1	18	
				8-7	Thur.	2-10	541	286	3	19	12	99		48	12	7	15		10	1	26				2	14		28	4	7	4		10		22	
				Total			1006	631	7	36	15	216		117	16	16	26		22	4	53				4	24		55	7	14	10		13	1	40	
			57	8-21	Wed.	6-2	443	202	4	5		70		43	5	10	9		18	2	9					10		23	2	9	8		18	1	9	
				8-20	Tues.	2-10	504	239	4	15		62		23	3	13	6		16		16					13		21		10	6		14		13	
				Total			947	441	8	20		132		66	8	23	15		34	2	25					23		44	2	19	14		32	1	22	
3	US 10	U.S. 10 just west of Laurel on Interstate Route 90	58	8-6	Wed.	6-2	555	440	6	32	3	178	3	87	5	23	11		33	1	9	1			3	25	2	41	4	20	9		32	1	9	1
				8-5	Tues.	2-10	1035	293	4	18	5	127	3	38	3	17	9		32		11	2			2	26	2	24	3	17	9		28		9	2
				Total			1590	733	10	50	8	305	6	125	8	40	20		65	1	20	3			5	51	4	65	7	37	18		60	1	18	3
			57	8-19	Mon.	6-2	694	432	4	7	4	135		96	6	31	12		32	3	10			1		14		29	5	28	9		22	1	7	
				8-16	Fri.	2-10	1024	326	8	36	4	136		57	6	17	8	1	34	4	14	2				10		32	3	12	5	1	30	1	6	2
				Total			1718	758	12	43	8	271		153	12	48	20	1	66	7	24	2		1		24		61	8	40	14	1	52	2	13	2
4	US 10 & 12	Southwest leg Junction US 10 & 12 East of Miles City on Interstate Route 94	58	8-12	Tues.	6-2	500	579	5	18	4	178		59		13	5		10		1				4	9		16		4	5		10		1	
				8-11	Mon.	2-10	950	430		17	1	94		29	1	10	2		20		3				1	3		16		9	2		17		3	
				Total			1450	1009	5	35	5	272		88	1	23	7		30		4				5	12		32		13	7		27		4	
			57	8-22	Thur.	6-2	456	534	2	20	8	119		58	4	17	7		16		1				5	2		19	3	7	7		12		1	
				8-21	Wed.	2-10	1017	492		21	3	139		68	3	14	15		36	2	2					1		14	2	11	15		23			
				Total			1473	1026	2	41	11	258		126	7	31	22		52	2	3				5	3		33	5	18	22		35		1	
5	US 2	East Leg of Junction US 2 & Mont. 16 east of Culbertson on Federal Aid Primary Route 1	58	8-13	Wed.	6-2	254	331	1	10	5	76		36	6	9	9		12	2	3				1	1		10	6	4	8		9	1	2	
				8-14	Thur.	2-10	410	289	2	11	1	102		32	2	6	2		14							2		5	2	6	2		11			
				Total			664	620	3	21	6	178		68	8	15	11		26	2	9				1	3		15	8	10	10		20	1	2	
			57	8-12	Mon.	6-2	308	342	1	21	8	56		27	5	2	2		6		1			1	3		13	5	2	2		6			
				8-9	Fri.	2-10	413	254	2	9	9	45		38	2	5	9		14		7				1	1		16		5	9		12			
				Total			721	596	3	30	17	101		65	7	7	11		20		8			1	4	1		29	5	7	11		18			
6	US 2	US 2 just West of Glasgow on Federal Aid Primary Route 1	58				NOT WEIGHED BECAUSE OF STATE OF CONDITION																															
			57	8-6	Tues.	6-2	788	399	3	22	9	244		77	10	13	6		8		6				3	10		22	4	7	5		6		3	
				8-5	Mon.	2-10	1358	411	1	10	11	199		45	6	7	8		8	1	2				3	6		21	3	6	7		6	1	1	
				Total			2146	810	4	32	20	443		122	16	20	14		16	1	8				6	16		43	7	13	12		12	1	4	

TABLE W-1

STATE OF MONTANA

LOCATION AND TIME OF OPERATION OF EACH LOADOMETER STATION, SHOWING NUMBER OF VEHICLES COUNTED AND WEIGHED AT EACH STATION BY TYPE DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958 COMPARED TO CORRESPONDING DATA FOR 1957

Station Number	ROUTE NUMBER	DESCRIPTION OF STATION LOCATION	YEAR	MONTH & DAY	DAY OF WEEK	HOURS	VEHICLES COUNTED																TRUCKS & COMBINATIONS WEIGHED														
							PASSENGER CARS		BUSSES - INTERCITY	LT. TRAILERS & PASS. CARS	LT. TRAILERS & OTHER	SINGLE UNIT TRUCKS				TRACTOR SEMI-TR.				OTHER COMBINATION			BUSSES - INTERCITY	LT. TRAILERS & PASS. CARS	LT. TRAILERS & OTHER	SINGLE UNITS				TRACTOR SEMI-Tr.				OTHER COMBINATIONS		
							LOCAL	FOREIGN				PICK UP & PANELS	2-AXLE 4-TIRED	2-AXLE 6-TIRED	3-AXLE	2S-1	2S-2	3S-1	3S-2	2-2	3-2	2S1-2				PICKUPS	2-AXLE 4-TIRED	2-AXLE 6-TIRED	3-AXLE	2S-1	2S-2	3S-1	3S-2	2-2	3-2	2S-1-2
7	US 89 & 91	U.S. 89 & 91 approx. 1.1 miles West of Great Falls on Interstate Route 15	58	8-20	Wed.	6-2	961	401	2	29	7	190		104	14	35	1		43		19				1	9		51	4	21	1		35		13	
				8-19	Tues.	2-10	1265	343	2	21	3	150		89	11	18	10		25		16					11		41	6	3	5		19		7	
				8-21	Thur.	10-6	267	12		2	2	9		13	2	3	3		11		20				1	1		2	1	2	2		8		17	
				Total			2493	756	4	52	12	349		206	27	56	14		79		55				2	21		94	11	26	8		62		37	
			57	7-25	Thur.	6-2	851	320	4	23	6	179		66	16	17	9	1	30		14	2			1	15		31	13	9	4	1	17		9	2
				7-24	Wed.	2-10	1105	293	5	25	12	149		75	7	7	8		17		13				7	10		41	6	6	7		7		8	
				7-9	Tues.	10-6	356	1	1	7	2	17	1	8	10	2	3		5		11	1				3	1	7	8	2	3		4		9	1
				Total			2312	614	10	55	20	345	1	149	33	26	20	1	52		38	3			8	28	1	79	27	17	14	1	28		26	3
8	US 2	West leg Junction of U.S. 2 & 91 West of Shelby on Federal Aid Primary Route 1	58	8-16	Mon.	6-2	419	335	2	14	4	133		74		1	4		6		6				4	7		54		1	4		6		5	
				8-15	Fri.	2-10	510	143		9	12	73		28	6	3	2		7		12					6		26	1	3	2		6		7	
				Total			929	478	2	23	16	206		102	6	4	6		13		18				4	13		80	1	4	6		12		12	
			57	7-19	Fri.	6-2	357	262	2	14	4	129		50	2	3			14		10							18	1	3			7		5	
				7-18	Thur.	2-10	510	257	2	36	7	92		40	4	2	3		9	1	14					1		16	2	2	2		8	1	8	
				Total			867	519	4	50	11	221		90	6	5	3		23	1	24					1		34	3	5	2		15	1	13	
9	US 2	U.S. 2 approx. 5.0 miles East of Kalispell on Federal Aid Primary Route 1	58	8-26	Tues.	6-2	429	497	2	24		138		56	7	1					8					7		31	5	1					6	
				8-25	Mon.	2-10	555	400	3	25	5	116		31	3				9						1	6		16	1				8		6	
				Total			984	897	5	49	5	254		87	10	1			9		8				1	13		47	6	1			8		6	
			57	7-12	Fri.	6-2	370	686	2	52	11	86		34	10	3			9		11			2	3	3		22	5				8		10	
				7-15	Mon.	2-10	585	693	5	43	8	86		36	6	2	1	1		1	8			1	4	3		14	4	1			1	1	7	
				Total			955	1379	7	95	19	172		70	16	5	1	1	9	1	19			3	7	6		36	9	1			9	1	17	
10	US 10 & 93	Southeast leg of Junction U.S. 10 & 93 West of Missoula on Interstate Route 90	58	8-28	Thur.	6-2	604	909	10	39	4	162		64	5	7	7		26		11					2		18	2	7	7		26		10	
				8-27	Wed.	2-10	849	753	10	65	5	134		61	10	13	5		38		9					3		19	3	6	5		27		4	
				Total			1453	1662	20	104	9	296		125	15	20	12		64		20					5		37	5	15	12		53		14	
			57	6-28	Fri.	6-2	579	968	12	55	16	144		88	12	25	5		33		16	3				3		31	1	14	1		24		10	3
				7-1	Mon.	2-10	738	953	17	53	17	160		68	6	16	12	1	36	1	15	4				1	8		28	6	8	10	1	19	1	5	4
				Total			1317	1921	29	108	33	304		156	18	41	17	1	69	1	31	7				4	11		59	7	22	11	1	43	1	15	7
11	US 10	US 10 just West of Drummond on Interstate Route 90	58	8-4	Mon.	6-2	430	629	4	54	8	117		32	12	7	1		23		8	2				6	4		16	6	4	1		18		2	2
				8-1	Fri.	2-10	884	654	7	57	9	111		25	3	14	4		40	1	9	-1				7	11		8	2	13	4		40	1	6	1
				Total			1314	1283	11	111	17	228		57	15	21	5		63	1	17	3				13	15		24	8	17	5		58	1	8	3
			57	6-18	Tues.	6-2	492	684	5	38	9	103		43	10	25	5		30		15	4			7	9	18		18	10	16	5		26		13	3
				6-19	Wed.	2-10	721	662	11	52	10	95		37	8	27	11	2	53	2	10	2			5	2	5		23	8	17	8	2	53		2	2
				Total			1213	1346	16	90	19	198		80	18	52	16	2	83	2	25	6			12	11	23		41	18	33	13	2	79		15	5
		Total of nine	58				11883	8069	67	481	93	2304	6	975	106	196	101		371	8	204	6			35	157	4	449	53	137	76		313	4	141	6
		Stations	57				11523	8600	91	532	138	2002	1	955	125	238	125	6	408	16	197	18		17	39	120	1	416	84	162	101	5	311	6	122	17

NOTE: SURVEY TAKEN DURING TEAMSTERS STRIKE IN WESTERN STATES.
LARGE TRUCK COMPANIES NOT OPERATING.

TABLE W-2

STATE OF MONTANA

NUMBER AND PERCENTAGE OF VEHICLES OF EACH TYPE COUNTED AND WEIGHED AT 9 LOADOMETER STATIONS

DURING THE PERIOD FROM AUGUST 1, TO AUGUST 28, 1958, COMPARED TO CORRESPONDING DATA FOR 1957

TYPE OF VEHICLE	NUMBER COUNTED DURING PERIOD			PERCENTAGE OF TOTAL NUMBER OF VEHICLES			PERCENTAGE OF TOTAL NUMBER OF TRUCKS AND COMBINATIONS			TRUCKS AND COMBINATIONS WEIGHED		PERCENTAGE WEIGHED OF TOTAL COUNTED BY TYPES	
	1958	1957	1958-1957	1958	1957	1958-1957	1958	1957	1958-1957	1958	1957	1958	1957
PASSENGER CARS													
LOCAL	11883	11523	1.031	47.78	46.14	1.036							
FOREIGN	8069	8600	0.938	32.44	34.44	0.942							
SUB TOTAL PASSENGER CARS	19952	20123	0.992	80.22	80.58	0.996							
LIGHT TRAILERS & PASSENGER CARS	481	532	0.904	1.93	2.13	0.906							
SINGLE-UNIT TRUCKS													
LIGHT TRAILERS & OTHERS	93	138	0.674	0.37	0.55	0.673	2.13	3.26	0.653	35	39	37.63	28.26
PANEL AND PICKUP (UNDER 1½ TONS)	2304	2002	1.151	9.27	8.02	1.156	52.72	47.34	1.114	157	120	6.81	59.94
OTHER 2-AXLE, 4-TIRED	6	1	6.000	0.02	0.01	2.000	0.14	.02	7.000	4	1	66.67	100.00
OTHER 2-AXLE, 6-TIRED	975	955	1.021	3.92	3.82	1.026	22.31	22.58	0.988	449	416	46.05	43.56
3-AXLE	106	125	0.848	0.43	0.50	0.860	2.43	2.96	0.821	53	84	50.00	67.20
SUB TOTAL SINGLE-UNIT	3484	3221	1.082	14.01	12.90	1.086	79.73	76.16	1.047	698	660	20.03	20.49
TRACTOR-SEMITRAILER COMBINATIONS													
2S-1	196	238	0.824	0.79	0.95	0.832	4.48	5.63	0.796	137	162	69.90	68.07
2S-2	101	125	0.808	0.41	0.50	0.820	2.31	2.96	0.780	76	101	75.25	80.80
3S-1		6	0.000		0.03	0.000		0.14	0.000		5	0.00	83.33
3S-2	371	408	0.909	1.49	1.63	0.914	8.49	9.65	0.880	313	311	84.37	76.23
SUB TOTAL TRACTOR-SEMIS COMB.	668	777	0.860	2.69	3.11	0.865	15.28	18.38	0.831	526	579	78.74	74.52
COMBINATIONS INVOLVING FULL TRAILERS													
2-2	8	16	0.500	0.03	0.06	0.500	0.18	0.38	0.474	4	6	50.00	37.50
3-2	204	197	1.036	0.82	0.79	1.038	4.67	4.66	1.002	141	122	69.12	61.93
3-3													
2S1-2	6	18	0.333	0.03	0.07	0.429	0.14	0.42	0.333	6	17	100.00	94.44
SUB TOTAL TRUCK-TRAILER COMB.	218	231	0.944	0.88	0.92	0.957	4.99	5.46	0.914	151	145	69.27	62.77
SUB TOTAL ALL COMBINATIONS	886	1008	0.879	3.57	4.03	0.886	20.27	23.84	0.850	677	724	76.41	71.83
SUB TOTAL TRUCKS & COMBINATIONS	4370	4229	1.033	17.58	16.93	1.038	100.00	100.00	1.000	1375	1384	31.46	32.73
BUSSES INTERCITY	67	91	0.736	0.27	0.36	0.750					14	0.00	15.38
TOTAL VEHICLES	24870	24975	0.996	100.00	100.00	1.000							

NOTE: 1958 Survey taken during Teamster strike in Western States.

NUMBER OF LOADED AND EMPTY VEHICLES COUNTED, AVERAGE TOTAL WEIGHTS, AND AVERAGE EMPTY WEIGHTS OF TRUCKS AND COMBINATIONS OF EACH TYPE AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1, TO AUGUST 28, 1958 COMPARED TO CORRESPONDING DATA FOR 1957

VEHICLE TYPE AND SURVEY YEAR	LOADED & EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	NUMBER COUNTED	AVERAGE TOTAL WEIGHT	PERCENT OF TOTAL LOADED AND EMPTY OF EACH TYPE	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT	PERCENT OF TOTAL LOADED AND EMPTY OF EACH TYPE	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT
Busses 1958	67							
Busses 1957	91	22493	85.71	78	23458	14.29	13	16700
LIGHT TRAILERS & PASSENGER CARS 1958	481							
LIGHT TRAILERS & PASSENGER CARS 1957	532	7953	100.00	532	7953			
LIGHT TRAILERS & OTHER 1958	93	14903	45.71	43	18975	54.29	50	11474
LIGHT TRAILERS & OTHER 1957	138	14605	97.44	134	14732	2.56	4	9800
SINGLE-UNIT TRUCKS, (UNDER 1½ TONS CAPACITY)								
Year 1958	2304	5057	33.12	763	5987	66.88	1541	4596
Year 1957	2002	5208	52.50	1051	5743	47.50	951	4616
SINGLE-UNIT TRUCKS, OTHER 2 AXLE, 4-TIRED								
Year 1958	6	7333	25.00	2	8500	75.00	4	6900
Year 1957	1	6200	100.00	1	6200			
SINGLE-UNIT TRUCKS, OTHER 2 AXLE, 6-TIRED								
Year 1958	975	14690	78.84	769	16263	21.16	206	8831
Year 1957	955	13965	76.20	728	15540	23.80	227	8921
SINGLE-UNIT TRUCKS, 3 AXLE								
Year 1958	106	30472	79.25	84	33831	20.75	22	17645
Year 1957	125	25017	65.48	82	28835	34.52	43	17776
SUB TOTAL, SINGLE-UNIT TRUCKS *								
Year 1958	3484	8793	47.68	1661	12492	52.32	1823	5426
Year 1957	3221	8976	61.97	1996	10869	38.03	1225	5893
TRACTOR-SEMITRAILERS, 3 AXLE								
Year 1958	196	30586	81.02	159	33291	18.98	37	19038
Year 1957	238	29072	77.16	184	32043	22.84	54	19035
TRACTOR-SEMITRAILERS (2S-2)								
Year 1958	101	41562	77.63	78	47108	22.37	23	22312
Year 1957	125	43441	78.22	98	48083	21.78	27	26768
TRACTOR-SEMITRAILERS (3S-1)								
Year 1958								
Year 1957	6	34240	80.00	4	37625	20.00	2	20700
TRACTOR-SEMITRAILERS (3S-2)								
Year 1958	371	58143	87.86	326	62053	12.14	45	29845
Year 1957	408	54249	83.92	342	58815	16.08	66	30414
SUB TOTAL, SEMITRAILERS COMBINATIONS								
Year 1958	668	47550	84.28	563	51860	15.72	105	24387
Year 1957	777	44644	80.82	628	49161	19.18	149	25499
COMBINATIONS INVOLVING FULL TRAILERS (2-2)								
Year 1958	8	27525	25.00	2	42900	75.00	6	22400
Year 1957	16	35233	50.00	8	43400	50.00	8	27067
COMBINATIONS INVOLVING FULL TRAILERS (3-2)								
Year 1958	204	64577	82.27	168	72334	17.73	36	28584
Year 1957	197	61021	73.77	145	72454	26.23	52	28866
COMBINATIONS INVOLVING FULL TRAILERS (2S1-2)								
Year 1958	6	45067	100.00	6	45067			
Year 1957	18	55418	76.47	14	62631	23.53	4	31975
SUB TOTAL, TRUCK TRAILER COMBINATIONS								
Year 1958	218	62680	80.73	176	71070	19.27	42	27701
Year 1957	231	58798	72.29	167	70239	27.71	64	28835
SUB TOTAL ALL COMBINATIONS								
Year 1958	886	51273	83.41	739	56435	16.59	147	25334
Year 1957	1008	47888	78.87	795	53589	21.13	213	26501
TOTAL ALL TYPES								
Year 1958	4370	17406	54.92	2400	26023	45.08	1970	6912
Year 1957	4229	18251	66.00	2791	23037	34.00	1438	8946

* Light trucks and trailers are included in sub total for single unit trucks

TABLE 4-4

STATE OF MONTANA

NUMBER OF AXLE LOADS OF VARIOUS MAGNITUDES OF LOADED AND EMPTY TRUCKS AND TRUCK COMBINATIONS OF EACH TYPE WEIGHED AND THE PROBABLE NUMBER OF SUCH LOADS OF EACH GENERAL TYPE AND OF ALL TYPES COUNTED AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958 COMPARED TO SIMILAR DATA IN 1957.

AXLE LOAD IN POUNDS	LIGHT TRAILERS & OTHERS		SINGLE UNIT TRUCKS										TRACTOR - SEMITRAILER COMBINATIONS										COMBINATIONS INVOLVING FULL TRAILERS								ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
			PANELS AND PICKUPS		2 AXLE 4 TIRED		2 AXLE 6 TIRED		3 AXLE		ALL SINGLE UNIT TRUCKS		2S - 1		2S - 2		3S - 1		3S - 2		ALL TRACTOR SEMITRAILER		2 - 2		3 - 2		2S1 - 2		ALL TRUCK TRAILER COMBINATIONS					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
UNDER 8,000	92	105	314	240	8	2	591	579	61	135	6271	5929	177	213	122	134		12	282	361	750	967	13	9	131	157	12	20	228	299	978	1266	7249	7195
8,000 - 8,499	1	1					17	21	3	8	46	64	14	21	16	22			99	94	159	181		4	15	17	2	3	24	41	183	222	229	286
8,500 - 8,999	1	3					13	18	7	16	45	76	12	10	8	13			79	116	121	183		2	24	20		4	35	42	156	225	201	301
9,000 - 9,499		2					13	6	4	9	36	35	4	12	3	15			68	66	90	123			38	25	5	8	60	49	150	172	186	207
9,500 - 9,999	2	1					19	12	1	5	49	39	5	18	6	13		1	45	54	68	115		3	32	32	2	4	48	64	116	179	165	218
10,000 - 10,999	3						26	24	13	14	91	76	14	19	7	10			56	75	96	139		1	14	16	1	3	21	31	117	170	208	246
11,000 - 11,999	4	1					46	29	9	15	128	93	15	20	15	19			88	101	146	185	1	1	9	4	2	4	17	13	163	198	291	291
12,000 - 12,999	2						28	29	6	9	78	80	24	25	12	17			131	122	206	218	2		12	3	1	7	22	12	228	230	306	310
13,000 - 13,999		3					30	23	15	16	95	88	25	27	19	34		5	144	165	232	304			21	10	2	7	32	23	264	327	359	415
14,000 - 14,999		2					26	24	16	12	88	80	32	39	26	27		2	186	184	301	334			38	38	2	5	57	67	358	401	446	481
15,000 - 15,999							35	22	15	12	106	68	18	34	21	36			291	149	399	290			133	114	1	9	193	194	592	484	698	552
16,000 - 16,999		2					23	19	9		68	51	14	19	19	29			81	47	141	125		3	69	41		7	100	82	241	207	309	258
17,000 - 17,999	1						16	16			37	37	34	17	20	20			8	15	85	69		1	147	115		4	213	193	298	262	335	299
18,000 - 18,999	1						12	3		1	29	8	22	11	8	13			7	1	50	34			19	15			28	24	78	58	107	66
19,000 - 19,999							1	5			2	11		1		2				1		5			3	2			4	3	4	8	6	19
20,000 - 21,999							1	2			2	5			1					2	1	3									1	3	3	8
22,000 - 23,999													1								1					1				2	1	2	1	2
24,000 - 25,999							1				2				1					2	1	3									1	3	3	3
TOTAL AXLES WEIGHED	107	120	314	240	8	2	898	832	159	252	xxxxx	xxxxx	411	486	304	404		20	1565	1555	xxxxx	xxxxx	16	24	705	610	30	85	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx
TOTAL AXLES COUNTED	285	449	4608	4004	12	2	1950	1910	318	375	7173	6740	588	714	404	500		24	1855	2040	2847	3278	32	64	1020	985	30	90	1082	1139	3929	4417	11102	11157

TABLE 2-5

STATE OF MONTANA

NUMBER OF LOADED AND EMPTY TRUCKS AND TRUCK COMBINATIONS OF EACH TYPE OF VARIOUS TOTAL WEIGHTS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958 COMPARED TO CORRESPONDING DATA FOR 1957.

TOTAL WEIGHT IN POUNDS	LIGHT TRAILERS AND OTHERS		SINGLE UNIT TRUCKS										TRACTOR-SEMITRAILER COMBINATIONS										COMBINATIONS INVOLVING FULL TRAILERS								ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
			PANELS & PICKUPS UNDER 1-1/2 TONS		OTHER 2 AXLE 4 TIRED		OTHER 2 AXLE 6 TIRED		3 AXLE		ALL SINGLE TRUCKS		3 AXLE		2 S 2		3 S 1		3 S 2		ALL TRACTOR SEMITRAILER COMBINATIONS		2 - 2		3 - 2		2S1 - 2		ALL-TRUCK-TRAILER COMBINATIONS					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
UNDER 6,000	2	2	130	94	1		11	13			1939	1605																					1939	1605
6,000 - 8,000	1	4	22	19	1	1	40	40			414	424																					414	424
8,001 - 10,000	5	5	5	6	2		50	64			198	265																					198	265
10,001 - 12,000	3	2		1			49	59		1	114	161		1	1						1	1									1	1	115	162
12,001 - 14,000	7	6					50	44	3	9	133	136	3	2							4	3									4	3	137	139
14,001 - 16,000	2	10					58	39	2	7	135	135	3	7	1						6	10		1						3	6	13	141	148
16,001 - 18,000	3	2					59	48	4	5	144	125	6	8	1	1					10	13									10	13	154	138
18,001 - 20,000	5	5					58	47	1	4	141	131	9	7	1	1					14	12	1						2		16	12	157	143
20,001 - 22,000	3						38	27	1	9	93	75	6	15	5	4	1	2	1		18	30			1				1		19	30	112	105
22,001 - 24,000	1	1					21	21	4	7	56	62	7	15	4	1		1			17	23	1						2		19	23	75	85
24,001 - 26,000	2						9	9	2	4	29	27	7	4	5	9	1	3	11		20	33	1		3	7			6	11	26	44	55	71
26,001 - 28,000		1					5	3	3	7	17	21	11	9	2	4		5	7		24	27		2	7	5			10	13	34	40	51	61
28,001 - 30,000								1	3	5	6	10	10	7	1	2		11	11		29	27			7	12			10	19	39	46	45	56
30,001 - 32,000	1							1	2	6	7	11	8	22	3	3		10	12		27	52			5	6		1	7	10	34	62	41	73
32,001 - 34,000							1		2	3	6	4	11	14	3	1	1	6	4		27	28			2	1		3	3	5	30	33	36	37
34,001 - 36,000		1							7	3	14	8	13	13	2	5		5	4		27	31			1	1			1	2	28	33	42	41
36,001 - 38,000									4	8	8	12	11	15		1		1	11		17	38									17	38	25	50
38,001 - 40,000									8	4	16	6	9	4	1	6		1	7		15	22		1		1	2	1	2	5	17	27	33	33
40,001 - 42,000									5	2	10	3	11	12	2	2		10	9		30	32		1		1				4	30	36	40	39
42,001 - 45,000									2		4		11	7	4	5		9	7		32	26	1						2		34	26	38	26
45,001 - 50,000													1		9	14	2	9	17		24	42			1	1	3		5	2	29	44	29	44
50,001 - 55,000															13	24		19	33		40	73			2	1	1		4	2	44	75	44	75
55,001 - 60,000															18	16		32	37		62	68			5	3		3	7	8	69	76	69	76
60,001 - 65,000																2		56	55		66	75		1	4	2		4	6	10	72	85	72	85
65,001 - 70,000																		71	49		84	64			6	4		2	9	9	93	73	93	73
70,001 - 75,000																		60	29		71	38			40	31		3	58	53	129	91	129	91
75,001 - 80,000																			6			8			57	45			83	73	83	81	83	81
80,001 - 85,000																		2			3									3		3	
85,001 - 90,000																										1				2		2		2
90,001 - 95,000																																		
95,001 - 100,000																																		
100,001 - 105,000																			1			1										1		1
TOTAL WEIGHED	35	39	157	120	4	1	449	416	53	84	xxxxx	xxxxx	137	162	76	101		5	313	311	xxxxx	xxxxx	4	6	141	122	6	17	xxxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx
TOTAL COUNTED	93	138	2304	2002	6	1	975	955	106	125	3484	3221	196	238	101	125		6	371	408	668	777	8	16	204	197	6	18	218	231	886	1008	4370	4229

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO . AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP			AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
2	3-2	Crude Oil	P	760	95	158	158	174	175		15.4	4.2	17.6	18.0		55.2																	
	3-2	Gas	H	770	91	162	163	175	179		19.4	4.2	14.0	20.0		57.6						0.3	B-D	7.8						5.1	B-D	18.8
	3-2	Crude Oil	P	754	98	155	155	173	173		14.2	4.2	14.0	19.0		51.4						3.6	B-D	4.1						9.2	B-D	14.8
	3-2	Crude Oil	P	745	96	149	150	174	176		19.0	4.2	15.4	14.6		53.2						0.1	B-E	3.2						5.7	B-E	15.9
	3S2	Pipe	P	682	66	152	152	156	156		13.8	4.4	22.0	4.0		44.2						0.3	B-E	3.5						6.7	B-E	17.0
	3S2	Oil Equip.	P	656	82	143	143	144	144		11.6	4.6	23.2	4.4		43.8														2.7	B-E	5.7
	3-2	Oil	H	764	94	161	162	169	178		19.0	4.0	15.0	19.0		57.0							B-D	4.2						4.3	B-D	14.4
	2S2	Wheat	P	533	67	174	146	146			13.6	16.0	4.0			33.6															B-D	6.2
	3-2	Gas	H	760	94	156	157	176	177		13.6	4.4	17.0	21.0		56.0							B-D	0.2						4.7	B-D	9.2
	3S2	Lumber	P	727	84	160	160	161	162		11.0	4.2	32.0	4.2		51.4							D-E	0.9						5.3	B-E	5.8
	3-2	Gas	H	721	93	149	149	164	166		13.8	4.2	17.4	21.0		56.4															B-D	1.1
	3-2	Crude Oil	H	744	95	150	150	176	173		14.4	4.0	16.8	19.0		54.2														4.5	B-E	6.7
	3-2	Diesel	H	750	95	151	151	178	175		13.6	4.4	17.2	21.2		56.4														3.3	B-D	5.0
	3-2	Fuel Oil	H	747	99	153	154	172	179		18.0	4.2	18.0	16.2		56.4														2.9	B-E	9.4
	3S2	Wheat	P	696	83	120	121	186	186		16.0	4.2	22.8	4.2		47.2			3.3	3.3			D-E	16.3			3.3	3.3		5.2	D-E	16.3
	3-2	Crude Oil	H	771	99	160	160	176	176		14.2	4.6	18.6	19.2		56.6						0.4	A-E	0.4						5.2	B-E	7.8
	3-2	Crude Oil	H	764	97	167	167	159	174		17.6	4.4	15.0	18.0		55.0						0.5	B-D	4.4						6.3	B-D	14.7
	3-2	Crude Oil	H	729	98	147	148	165	171		18.4	4.2	14.0	19.6		56.2														0.4	B-D	9.3
	3-2	Crude Oil	P	775	92	163	164	180	176		17.9	4.2	15.0	18.6		55.7						1.4	B-D	7.4						6.8	B-D	17.9
	3-2	Crude Oil	P	771	100	162	163	173	173		18.0	4.4	14.4	16.2		53.0						3.6	B-D	5.5						9.4	B-E	18.1
	3-2	Crude Oil	P	760	99	155	156	172	178		14.2	4.0	18.4	19.2		55.8														4.8	B-E	6.0

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP		AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
2	3-2	Crude Oil	H	752	102	151	151	173	175		15.4	4.0	17.0	20.0		56.4														3.6	B-D	6.0
	3-2	Gas	H	767	96	162	162	172	175		15.0	4.4	18.0	20.0		57.4														4.7	B-D	8.5
	3-2	Fuel Oil	H	739	89	154	154	170	172		14.0	4.4	18.0	4.0		57.4														0.8	B-D	4.6
	3-2	Fuel Oil	H	755	97	155	155	176	172		17.6	4.4	15.4	19.0		56.4							B-D	1.3						4.0	B-D	10.7
	3-2	Gas	H	745	94	155	155	171	170		13.4	4.2	17.4	20.6		55.6														2.6	B-D	5.3
	3-2	Crude Oil	H	751	92	154	154	176	175		14.0	4.6	16.4	20.2		55.2														4.5	B-D	8.0
	2S2	Hay	H	544	67	173	152	152			13.4	15.0	4.2			32.6							B-D	1.1							B-D	11.0
	3-2	Fuel Oil	H	772	99	159	160	177	177		14.4	4.6	19.0	20.0		58.0						0.5	A-E	0.5						5.3	B-E	5.3
	2S1	Freight	P	412	54	181	177				12.0	18.0				30.0	0.6								0.6							
	3-2	Oil	P	751	91	160	160	169	171		18.0	4.6	15.2	19.0		56.8							B-D	1.9						2.5	B-D	11.4
	3-2	Oil	P	756	89	161	162	169	175		17.6	4.6	14.6	18.6		55.4							B-D	4.2						5.1	B-D	14.4
	3-2	Gas	H	743	87	155	155	172	174		18.0	4.6	15.2	19.0		56.8							B-D	0.4						1.4	B-D	9.8
3	2S2	Oil	H	575	80	173	161	161			14.0	20.6	4.6			39.2							C-D	0.6							B-D	2.4
	3S2	Meat	H	683	93	150	150	145	145		17.6	4.6	23.6	4.6		50.4															B-E	7.0
	3S2	Meat	H	650	80	145	145	140	140		16.0	4.6	25.0	4.6		50.2															B-E	1.8
	3S2	Lumber	H	671	91	160	160	130	130		11.0	4.0	26.6	4.0		45.6														2.6	A-E	2.6
	3-2	Fuel Oil	H	758	99	146	146	182	185		17.6	4.4	14.4	19.4		55.8			1.1	2.8			B-D	0.4			1.1	2.8		4.4	B-E	11.3
	3S2	Cement	H	818	103	173	173	184	185		15.4	4.0	26.6	4.0		50.0			2.2	2.8		13.6	A-E	13.6			2.2	2.8		19.7	B-E	25.9
	3S2	Produce	H	721	102	156	156	153	153		19.0	4.4	23.4	4.4		51.2							B-E	1.0						4.4	B-E	13.7
	3	Feed	H	409	85	161	163				14.0	4.0				18.0							B-C	1.3							B-C	1.3
	2S2	Feed	H	574	82	174	159	159			11.8	12.4	4.4			28.6							B-D	7.9						10.8	B-D	19.5
	3S2	Fuel Oil	H	754	92	157	157	171	177		18.6	4.0	17.0	18.0		57.6														2.9	B-E	10.3
	3-2	Fuel Oil	H	764	98	160	160	176	170		13.6	4.6	18.0	19.6		55.8														5.2	B-E	6.8

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
3	3S2	Pipe	P	650	85	143	144	139	139		13.4	4.6	21.4	4.6		44.0														1.7	B-E	5.6
	3S2	Sugar	P	709	85	162	163	150	149		12.6	4.4	24.4	4.2		45.6						3.1	A-E	3.1						8.4	B-E	13.1
	3-2	Road Oil	H	755	95	157	157	175	171		15.2	4.2	20.0	17.0		56.4														4.0	B-E	7.2
	3-2	Diesel	H	763	95	160	160	176	172		17.8	4.2	14.4	20.0		56.4							B-D	5.1						5.1	B-D	15.4
	3S2	Grain	P	656	65	148	148	147	148		13.4	4.2	22.8	4.4		44.8														1.5	B-E	10.5
	3-2	Fuel Oil	H	769	87	168	168	175	171		16.0	4.2	16.4	19.2		55.9						0.7	B-C	5.0						5.9	B-D	14.1
	3S2	Meat	H	648	85	129	129	152	153		12.0	4.2	19.8	4.2		40.2														6.6	B-E	10.5
	3S2	Freight	H	652	92	133	134	146	147		11.4	4.4	24.2	4.2		44.2														2.1	A-E	2.1
	2S2	Feed	H	571	101	161	154	155			11.4	17.8	5.0			34.2														2.0	A-D	2.0
	3S2	Freight	H	666	90	147	148	140	141		15.8	4.2	27.0	4.2		51.2															B-E	1.4
	3S2	Produce	H	709	79	156	157	158	159		16.0	4.2	25.2	4.2		49.6							B-E	0.2						3.7	B-E	12.5
	3S2	Lumber	P	676	74	144	145	156	157		15.0	4.2	24.2	4.3		47.7														1.1	B-E	9.1
	3-2	Gas	P	769	83	163	163	179	181		17.2	4.2	15.2	19.2		55.8				0.5		0.7	B-D	7.0				0.5		5.9	B-D	17.5
	2S1	Hard-ware	P	409	83	221	106				13.0	23.4				36.4	22.8								22.8							
	2S2	Produce	P	521	86	211	112	112			9.4	20.4	4.6			34.4	14.1								14.1							
	3S2	Lumber	P	700	78	161	161	150	150		15.6	4.4	25.2	4.2		49.4							B-C	0.6						3.5	B-E	11.1
	3S2	Lumber	P	711	71	160	161	159	160		17.4	4.2	24.7	4.2		50.5							B-E	3.1						2.9	B-E	16.0
	3S2	Eggs	P	676	92	145	145	147	147		14.6	4.2	23.2	4.0		46.0														3.4	B-E	9.2
	3S2	Fruit	H	656	82	139	139	148	148		13.4	4.4	25.6	4.4		47.8															B-E	2.5
	3S2	Fruit	H	716	78	159	159	160	160		13.0	4.0	28.0	4.0		49.0						0.6	A-E	0.6						5.9	B-E	10.7
	3-2	Fuel Oil	H	763	86	162	162	175	178		15.0	4.0	15.4	20.6		55.0						0.4	B-D	5.7						6.1	B-D	16.1
	3-2	Hogs	H	733	85	153	153	168	174		13.0	4.6	15.0	24.0		56.6															B-D	8.0
	2S1	Mach.	P	344	52	110	182				12.4	20.2				32.6		1.1								1.1						
	3S2	Cement	H	686	69	158	159	150	150		17.6	4.2	24.6	4.2		50.6															B-E	11.9

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP		AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
3	3S2	Produce	H	659	88	148	149	137	137		14.4	4.0	24.4	4.0		46.8															B-E	5.1
	3S2	Gas	P	714	96	157	157	152	152		19.0	4.6	24.0	4.6		52.2													2.3	B-E	12.0
	3S2	Cement	H	710	88	158	159	152	153		17.6	4.0	24.0	4.0		49.6							B-E	1.6						3.9	B-E	14.5
	3S2	Chicken	H	648	76	138	138	148	148		13.8	4.4	25.2	3.8		47.2														B-E	3.7
	3S2	Chicken	H	631	60	140	140	145	146		10.6	4.4	23.8	4.4		43.2														B-E	3.5
	3-2	Gas	H	766	100	160	160	170	176		20.0	4.0	14.6	18.8		57.4							B-D	3.8						4.5	B-E	14.0
	3S2	Water-melons	P	716	80	161	162	156	157		16.8	4.2	23.4	4.2		48.6						0.6	B-E	3.9						5.9	B-E	17.1
	3S2	Flour	P	672	79	146	147	150	150		13.2	4.2	24.2	4.2		45.8														2.8	B-E	7.5
4	3S2	Fruit	H	649	77	150	151	135	136		13.0	4.6	23.6	4.6		45.8															B-E	3.7
	3S2	Corn	H	638	84	141	140	136	137		12.6	4.2	24.0	4.2		45.0															B-E	2.0
	2S1	Sugar	P	406	61	164	181				12.0	22.6				34.6		0.6								0.6						
	3S2	Misc.	H	640	90	141	140	134	135		18.0	4.6	23.0	4.6		50.2															B-E	1.2
	3S2	Steel	H	705	101	154	155	147	148		16.0	4.6	28.0	4.6		53.2															B-E	3.4
	3-2	Mchnry	H	751	131	149	148	148	175		22.2	4.6	12.0	17.0		55.8														3.5	B-E	12.4
	3S2	Mchnry	H	664	88	141	142	146	147		17.8	4.4	25.8	4.4		52.4															B-E	1.4
	3S2	Mchnry	H	566	73	125	125	121	122		15.6	4.2	17.2	4.2		41.2															B-E	0.2
	3S2	Mchnry	H	633	89	145	146	126	127		17.0	4.2	22.0	4.2		47.4															B-E	3.3
	3S2	Steel	H	687	96	158	159	137	137		18.6	4.2	25.2	4.2		52.2															B-E	5.6
	2S2	Oxygen Tanks	P	492	52	175	133	132			11.2	14.6	4.2			30.0															B-E	2.3
	3S2	Butter	P	698	104	150	150	147	147		14.0	4.2	24.4	4.2		46.8						0.3	A-E	0.3						5.5	B-E	7.7
	3S2	Mchnry	H	649	98	148	148	127	128		11.6	4.2	24.0	4.2		44.0														1.6	A-E	1.6
	2D	Sugar	P	248	51	197					13.0					13.0	9.4								9.4							
	3-2	Gas	H	744	94	155	156	169	170		13.0	4.6	19.0	21.0		57.6														1.5	A-E	1.5
	3S2	Grain	P	703	81	156	156	155	155		13.0	4.0	26.6	4.0		47.6														5.1	B-E	9.5
	3S2	Oil	H	678	88	146	147	148	149		13.6	4.4	22.0	4.4		44.4														6.1	B-E	10.3

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
4	3S2	Mchnry	P	685	104	161	160	130	130		18.0	4.2	26.0	4.2		52.4															B-E	3.8
	2D	Groc.	P	326	64	262					14.0					14.0	45.6								45.6							
	2S2	Freight	H	563	80	245	119	119			12.0	18.0	4.0			34.0	36.1								36.1					0.6	B-E	5.7
	3S2	Cement	H	672	73	148	148	152	151		12.0	4.6	25.0	4.6		46.2														2.8	B-E	7.0
	3S2	Freight	H	650	95	131	131	146	147		9.0	4.6	23.0	4.6		41.2														5.6	A-E	5.6
5	3S2	Plaster	H	642	94	138	139	135	136		13.0	4.0	23.0	4.0		44.0														0.5	B-E	2.4
	3S2	Gas	H	666	96	133	133	152	152		11.4	4.5	24.8	4.6		45.3														3.0	A-E	3.0
	3S2	Freight	H	647	81	143	144	139	140		11.4	4.0	24.8	4.2		44.4														1.3	B-E	2.6
	3S2	Freight	H	680	82	153	153	146	146		11.6	4.4	25.2	4.4		45.6														4.0	B-E	6.8
	2S2	Concrete	P	523	66	183	137	137			12.0	19.0	4.2			35.2	1.7								1.7							
	3S2	Freight	H	619	77	116	117	154	155		11.2	4.4	20.4	4.4		40.4														1.8	B-E	4.8
	3S2	Freight	H	655	104	139	140	136	136		9.0	4.0	26.6	4.0		43.6														2.5	A-E	2.5
	3-2	Oil	H	762	103	151	152	175	181		15.0	4.0	15.5	18.5		53.0				0.6								0.6		8.1	B-E	11.3
	3S2	Freight	H	698	94	137	137	165	165		15.6	4.4	25.0	4.0		49.0														3.9	B-E	9.5
	3S2	Gas	H	627	107	119	120	140	141		12.6	4.0	21.0	4.0		41.6														0.5	A-E	0.5
	3-2	Oil	H	747	91	156	157	172	171		15.6	4.2	18.2	18.0		56.0														2.9	B-E	7.9
	3S2	Flour	H	713	84	176	176	138	139		15.0	4.2	21.0	4.2		44.4						4.9	B-C	10.0						11.6	B-E	21.4
	3S2	Produce	H	712	99	150	150	156	157		13.2	4.4	23.4	4.4		45.4						4.5	A-E	4.5						10.1	B-E	12.8
7	3-2	Oil	H	759	91	153	153	184	178		14.0	4.4	17.6	20.0		56.0			2.2								2.2			4.6	B-D	7.2
	3-2	Lumber	H	718	106	177	176	129	130		17.2	4.4	14.0	14.6		52.0							B-C	10.3						5.0	B-D	14.5
	3-2	Fuel Oil	H	755	92	157	158	175	173		17.2	4.4	17.6	16.8		56.0														4.0	B-E	10.5
	3S2	Gravel	H	705	78	155	156	158	158		15.2	4.4	17.0	4.4		41.0						3.7	B-E	11.8						14.5	B-E	27.4
	3S2	Gravel	H	695	66	157	157	157	158		12.6	4.2	20.0	4.2		41.0						2.2	B-E	8.8						13.9	B-E	23.5
	2D	Gravel	H	264	83	181					12.6					12.6	0.6								0.6							
	3	Gravel	H	395	70	162	163				13.4	4.2				17.6							B-C	1.6							B-C	1.6
	3S2	Cement	H	722	82	157	157	163	163		16.4	4.6	27.0	4.6		52.6														2.4	B-E	11.1

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP		AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
7	3	Gravel	P	440	130	155	155				12.0	4.2				16.2														9.4	A-C	9.4
	3-2	Gas	H	740	91	151	152	172	174		18.0	4.4	14.4	18.0		54.8							B-D	0.6						2.9	B-E	11.1
	3S2	Frt.	H	723	83	165	165	155	155		12.6	4.4	23.2	4.4		44.6						6.3	A-E	6.3						11.8	B-E	17.8
	2D	Farm Mchnry	P	244	57	187					15.0					15.0	3.9								3.9							
	3S2	Grain	P	718	90	155	155	159	159		17.0	4.0	24.2	4.2		49.4						0.8	B-E	2.6						6.2	B-E	15.6
	3S2	Barley	P	726	86	165	165	155	155		17.0	4.4	24.6	4.4		50.4						0.8	B-C	3.1						6.2	B-E	16.0
	3S2	Grain	P	718	85	151	152	165	165		19.0	4.6	25.0	4.6		53.2							B-E	0.6						1.8	B-E	13.1
	3S2	Grain	P	680	82	156	156	143	143		13.0	4.4	23.0	4.4		44.8														5.2	B-E	10.0
	3-2	Fuel Oil	H	759	93	158	158	178	172		17.2	4.2	17.4	16.8		55.6							B-E	0.5						4.6	B-E	12.5
	3-2	Fuel	H	754	88	156	156	176	178		16.2	4.4	17.0	17.6		55.2														4.9	B-E	11.0
	2S2	Frt.	P	577	64	174	159	160			14.0	20.0	4.2			38.0															B-D	3.9
	2S2	Water melons	P	569	66	182	161	160			13.0	19.0	4.2			36.2	1.1						C-D	0.3	1.1						B-D	8.0
	2S2	Lumber	P	661	82	135	135	154	155		13.0	4.4	20.2	4.4		42.0														5.9	B-E	11.8
	3-2	Road Oil	H	750	94	150	150	178	178		14.0	4.4	17.6	20.0		56.0														3.3	B-E	5.2
	2-3	Road Oil	H	651	91	189	154	108	109		15.0	11.0	16.0	4.0		46.0	5.0								5.0						B-E	4.7
	3S2	Gravel	P	715	81	157	158	159	160		13.0	4.2	19.4	4.2		40.8						5.1	B-E	9.7						16.1	B-E	24.4
	2S1	Gravel	P	430	69	183	178				11.4	15.2				26.6	1.7								1.7							
	2S2	Wheat	P	567	50	188	165	164			13.0	19.4	4.0			36.4							C-D	2.8							B-D	11.0
	3-2	Road Oil	H	751	90	154	154	175	178		16.2	4.4	17.0	17.6		55.2														4.5	B-E	10.1
	3-2	Gas	H	758	93	157	157	178	173		17.2	4.4	15.0	19.4		56.0							B-D	4.2						4.4	B-D	14.4
	3-2	Gas	H	731	90	146	147	174	174		14.6	4.4	18.6	18.2		55.8														0.7	B-E	4.1
	3-2	Road Oil	H	791	120	151	151	180	189		17.0	4.2	15.6	18.0		54.8				5.0		4.1	A-E	4.1				5.0		10.0	B-E	13.3
	3-2	Road Oil	H	716	82	194	171	134	135		15.4	13.0	14.6	4.0		47.0	2.1					2.9	B-E	3.6	2.1					8.2	B-E	16.7

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLE GROUP		AXLE LOAD						MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
7	3S2	Grain	P	720	92	158	159	155	156		17.0	4.2	24.7	4.2		50.1							B-E	1.2						5.3	B-E	13.9
	3-2	Fuel Oil	H	677	96	116	116	172	177		18.0	4.2	16.4	15.4		54.0															B-E	0.9
	3-2	Oil	H	745	86	152	152	175	180		15.0	4.4	20.0	15.4		54.8														3.6	B-E	8.4
	3-2	Oil	H	755	99	152	152	172	180		19.0	4.2	13.8	18.0		55.0							B-E	1.5						5.0	B-E	13.9
	3S2	Cement	H	731	94	156	157	162	162		17.6	4.2	26.6	4.2		52.6							D-E	1.3						3.7	B-E	12.1
	3-2	Oil	H	746	93	151	151	177	174		15.0	4.4	20.0	15.4		54.8														3.8	B-E	7.4
	3-2	Oil	H	731	91	150	149	172	169		15.0	4.4	20.0	15.4		54.8														1.7	B-E	5.3
	3-2	Fuel Oil	H	744	100	148	149	174	173		16.2	4.4	16.2	19.0		55.8														2.5	B-E	5.9
	3-2	Road Oil	H	704	92	141	142	163	166		15.4	4.2	17.0	17.0		53.6															B-E	3.3
	2-3	Road Oil	P	649	81	168	162	119	119		15.4	13.0	14.6	4.0		47.0															B-E	4.5
	3-2	Road Oil	P	757	92	155	155	177	178		17.0	4.4	15.0	18.6		55.0							B-D	3.2						5.3	B-D	13.3
	3-2	Gas	H	753	90	155	156	178	174		19.0	4.4	13.6	19.0		56.0							B-D	5.4						3.7	B-D	16.2
	3S2	Frt	H	726	95	161	161	154	155		17.0	4.2	30.0	4.2		55.4							B-C	0.6						1.0	B-E	6.6
8	3-2	Gas	H	749	88	157	158	175	171		17.0	4.4	17.4	16.4		55.2														4.2	B-E	11.6
	2S2	Frt	H	581	82	179	160	160			16.0	19.0	4.6			39.6															B-E	5.1
	2D	Grain	P	251	47	204					15.0					15.0	13.3								13.3							
	3-2	Gas	H	748	93	157	158	163	173		18.6	4.0	14.6	17.6		54.8							B-D	2.3						4.2	B-E	13.9
	3S2	Mchnry	H	635	79	124	124	154	154		17.0	4.0	25.0	4.0		50.0															B-E	0.8
	3-2	Gas	H	761	96	158	158	176	173		13.0	4.6	18.0	19.6		55.2														5.8	B-E	6.6
	2S2	Grain	H	575	90	175	155	155			16.0	17.4	4.0			37.4															B-E	8.3
	3-2	Gas	H	748	90	155	155	175	173		17.2	4.2	15.0	18.6		55.0							B-D	2.8						4.0	B-D	12.8
	3-2	Gas	H	771	90	160	170	181	180		15.6	4.0	16.6	21.0		57.2			0.6			4.0	A-E	4.0			0.6			5.2	B-D	11.8
	3S2	Grain	P	705	87	152	152	157	157		15.0	4.0	23.6	4.0		46.6						1.3	A-E	1.3						6.6	B-E	13.7

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
7	3S2	Gravel	H	695	69	155	155	158	158		14.6	4.2	23.2	4.2		46.2						1.0	B-E	2.3						6.3	B-E	15.2
	3S2	Beer	H	661	84	144	144	144	145		17.6	4.4	24.6	4.4		51.0															B-E	4.6
	3S2	Cement	H	646	86	140	140	140	140		11.6	4.4	23.0	4.4		43.4														2.3	B-E	3.1
	3-2	Fuel Oil	H	758	89	155	155	180	179		17.2	4.4	14.8	19.4		55.8							B-D	3.8						4.4	B-D	14.0
	2D	Sand	P	265	76	189					12.6					12.6	5.0								5.0							
	2D	Pop	P	252	68	184					15.8					15.8	2.2								2.2							
	2S1	Gravel	P	427	60	184	183				12.4	20.0				32.4	2.2	1.7							2.2	1.7						
	3-2	Gravel	P	724	75	156	157	171	165		12.6	4.2	22.0	12.7		51.5														3.7	B-E	8.1
	2S1	Gravel	P	422	65	185	172				11.3	15.4				26.7	2.8								2.8							
	3-2	Gas	H	747	96	148	149	174	179		14.2	4.4	16.8	20.2		55.6														2.8	B-E	5.6
	3S2	Gravel	P	710	80	156	156	159	159		15.0	4.4	17.0	4.9		41.3						4.4	B-E	12.3						15.3	B-E	28.0
	2D	Grain	P	231	45	186					15.0					15.0	3.3								3.3							
	3S2	Gravel	P	681	66	154	155	153	153		15.0	4.4	17.0	4.4		40.8						0.1	B-E	9.6						10.6	B-E	24.9
	3S2	Gravel	P	697	69	155	156	158	159		15.2	4.4	17.0	4.4		41.0						2.5	B-E	11.9						13.2	B-E	27.6
	2D	Gravel	P	260	79	181					13.0					13.0	0.5								0.5							
	3S2	Water melons	H	663	81	139	139	152	152		16.4	4.0	25.6	4.0		50.0															B-E	4.0
	3-2	Gas	H	758	93	158	158	175	174		13.4	4.6	17.0	20.0		55.0														5.4	B-D	7.4
	2S1	Groc.	P	416	57	177	182				13.0					13.0		1.1								1.1						
	2S1	Gravel	H	428	63	186	179				12.8	20.6				33.4	3.3								3.3							
	3S2	Gravel	H	713	78	156	156	161	162		15.2	4.4	17.0	4.4		41.0						4.9	B-E	13.2						15.8	B-E	29.0
	3S2	Gravel	H	698	79	155	155	154	155		15.2	4.4	17.0	4.4		41.0						2.6	B-E	10.3						15.3	B-E	25.8
	3-2	Gravel	H	729	76	159	160	165	169		12.6	4.2	22.0	12.0		50.8						0.1	A-E	0.1						5.5	B-E	10.3
	3S2	Gravel	H	698	69	156	157	158	158		15.2	4.4	17.0	4.4		41.0						2.6	B-E	12.1						13.3	B-E	27.8
	3S2	Freight	H	749	85	162	163	169	170		18.2	4.2	24.2	4.2		50.8						2.9	B-E	7.0						8.4	B-E	20.4
	2S1	Gravel	P	448	85	182	181				12.2	20.6				32.8	1.1	0.6							1.1	0.6						

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
7	3S2	Pop	P	737	96	157	158	163	163		17.8	4.0	24.2	4.0		50.0						2.4	B-E	4.7						7.8	B-E	18.0
	2S1	Gravel	P	422	62	182	178				12.8	20.6				33.4	1.1								1.1							
	3S2	Gravel	P	707	78	156	156	158	159		15.2	4.4	17.0	4.4		41.0						4.0	B-E	12.1						16.3	B-E	27.8
	3S2	Gravel	P	697	69	156	156	158	158		12.6	4.2	20.0	4.2		41.0						2.5	B-E	8.7						13.2	B-E	23.3
	3	Grain	H	394	71	161	162				13.6	4.0				17.6							B-C	0.9							B-C	0.9
	2S1	Gravel	P	444	83	178	183				12.8	20.6				33.4		1.7								1.7						
	3-2	Gravel	P	726	74	158	159	168	167		12.6	4.2	22.0	12.7		51.5														4.0	B-E	8.6
	2S1	Gravel	P	450	83	183	184				12.8	20.6				33.4	1.7	2.2							1.7	2.2						
	2D	Car	P	222	38	184					14.0					14.0	2.2								2.2							
	3-2	Gas	H	755	95	157	158	173	172		13.6	4.4	18.0	20.0		56.0														4.0	B-D	6.8
	3S2	Gravel	H	702	77	157	157	156	156		15.2	4.4	17.0	4.4		41.0						3.2	B-E	11.4						14.0	B-E	27.0
	2D	Gravel	H	261	80	181					14.6					14.6	0.6								0.6							
	3-2	Grain	H	657	74	152	152	145	134		14.2	4.2	14.0	17.6		50.0															B-D	6.7
	3S2	Corn	H	691	87	155	156	146	147		17.2	4.0	20.0	4.0		45.2						1.6	B-E	4.5						6.9	B-E	18.5
	3S2	Bread	H	666	84	138	139	152	153		15.0	4.4	25.0	4.4		48.8															B-E	4.0
	3S2	Gravel	H	692	81	153	153	152	153		16.2	4.2	25.0	4.4		49.8														1.2	B-E	9.1
	2S1	Gravel	H	425	63	177	185				12.8	20.6				33.4		2.8								2.8						
	3	Gravel	P	405	92	156	157				9.0	4.0				13.0						9.2	A-E	9.2						8.2	A-E	8.2
	3S2	Gravel	P	712	80	158	159	158	157		14.9	4.6	17.0	4.6		41.1						4.7	B-E	12.7						15.6	B-E	28.4
	3S2	Gravel	P	706	80	155	155	158	158		14.6	4.6	23.6	4.6		47.4						1.4	A-E	1.4						6.7	B-E	13.5
	3S2	Beer	P	719	92	154	154	159	160		15.0	4.2	24.0	4.6		47.8						2.0	A-E	2.1						7.5	B-E	13.7
	3	Gravel	P	418	101	158	159				10.6					10.6														6.4	A-C	6.4
	3-2	Gravel	P	725	79	154	154	177	161		13.0	4.0	22.0	12.0		51.0														5.0	B-E	9.1
	3-2	Conc. Blocks	P	728	89	159	160	160	160		16.6	4.2	26.0	4.2		51.0							B-D	1.6						5.4	B-E	14.1
	3-2	Gas	H	755	94	157	158	175	171		13.8	4.2	18.4	20.0		56.4														4.0	B-D	5.2
	3-2	Gas	H	748	82	155	155	180	176		17.0	4.4	15.2	20.2		56.8							B-D	2.1						2.1	B-D	11.6

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
8	3S2	Grain	H	627	83	127	127	145	145		13.0	4.0	22.0	4.0		43.0															B-E	3.3
	3-2	Gas	H	757	93	156	155	176	177		16.5	4.4	16.0	18.6		55.5							B-D	1.5						4.3	B-D	10.9
	3S2	Beer	P	675	83	143	144	152	153		17.0	4.0	23.0	4.0		48.0														0.9	B-E	10.7
	3S2	Wheat	H	739	90	151	152	173	173		18.0	4.6	24.6	4.6		51.8						0.4	B-E	3.2						5.9	B-E	15.9
	3S2	Wheat	P	715	82	154	154	162	162		18.6	4.4	25.6	4.4		53.0							D-E	1.6						1.4	B-E	13.1
	3S2	Lumber	H	711	87	152	152	160	160		16.6	4.2	23.6	4.6		49.0							B-E	2.0						5.1	B-E	14.9
	3-2	Gas	H	759	97	156	157	176	173		18.6	4.2	16.4	17.3		56.5							B-E	0.2						3.6	B-E	11.8
	3-2	Gas	H	742	95	148	148	176	175		18.0	4.2	15.0	18.0		55.2														3.2	B-E	10.7
	3-2	Gas	H	751	89	155	155	174	178		14.0	4.4	17.0	20.4		55.8														3.5	B-D	8.0
	3-2	Gas	H	756	89	157	158	176	176		14.0	4.4	17.0	20.4		55.8							B-D	0.6						4.1	B-D	9.6
	3S2	Frt	H	650	90	142	143	137	138		14.0	4.6	23.0	4.6		46.2															B-E	3.1
9	3S2	Wheat	P	654	88	155	130	124	157		16.6	4.2	24.0	4.2		49.0															B-E	4.2
	3S2	Logs	P	637	62	141	134	154	146		14.2	4.2	17.4	4.2		40.0							B-E	2.5						4.8	B-E	16.8
	3S2	Lumber	P	642	87	143	136	133	143		17.0	4.0	24.0	4.0		49.0															B-E	2.2
	3S2	Lumber	P	832	100	187	184	184	177		17.0	4.4	24.0	4.4		49.8	3.9	2.2	2.2			15.6	B-E	18.0	3.9	2.2	2.2			21.7	B-E	32.7
	3-2	Gas	H	731	96	133	153	175	174		17.0	4.4	15.0	19.6		56.0														0.7	B-D	7.2
	3-2	Gas	H	756	95	143	176	171	171		17.0	4.4	15.0	20.0		56.4														4.1	B-D	14.0
	3-2	Road Oil	H	744	94	149	158	170	173		17.0	4.4	14.8	19.0		55.2							B-D	1.1						3.5	B-D	11.0
	3-2	Diesel	H	727	91	153	146	165	172		17.2	4.0	15.4	19.2		55.8														0.2	B-D	7.9
	2D	Gas	P	240	58	182					13.0					13.0	1.1								1.1							
	3-2	Gas	P	734	88	152	143	177	174		17.6	4.2	14.6	19.2		55.6														1.1	B-D	9.8
10	3S2	Steel	H	733	85	162	163	161	162		17.2	4.0	25.6	4.0		50.8						0.7	B-E	3.0						6.1	B-E	15.8
	3	Cement	H	390	66	162	163				16.0	4.0				20.0							B-C	1.3							B-C	1.3
	3-2	Fuel Oil	H	773	94	160	160	182	177		18.0	4.2	14.6	19.0		55.8						1.2	B-D	6.4						6.5	B-D	16.8
	3S2	Gas	H	630	88	122	121	149	150		17.6	4.0	18.0	4.0		43.6															B-E	10.1

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
10	2S1	Logs	P	344	30	130	184				13.8	20.6				34.4		2.2								2.2							
	3S2	Logs	P	707	85	158	159	152	153		14.0	4.4	21.4	4.4		44.2						4.0	B-E	4.5						10.7	B-E	18.1
	2S1	Cattle	P	411	47	180	184				11.0	24.4				35.4		2.2								2.2							
	2S2	Beer	P	573	81	182	155	155			14.0	19.0	4.2			37.2	1.1								1.1						B-D	5.6
	3S2	Produce	P	665	92	150	150	136	137		12.2	4.2	22.4	4.2		43.0														5.3	B-E	7.1
	3S2	Produce	P	640	85	124	125	153	153		14.2	4.4	18.0	4.4		41.0														2.3	B-E	10.8
	3S2	Produce	P	663	79	164	165	127	128		14.2	4.0	25.0	4.0		47.2							B-C	2.8						0.2	B-E	5.9
	3-2	Roofing	P	768	115	142	143	193	175		14.0	4.2	17.6	20.2		56.0						0.5	A-E	0.5						5.8	A-E	5.8
	2S2	Mustard	P	580	82	179	159	160			15.0	18.0	4.0			37.0							B-D	0.4							B-D	9.0
	3-2	Beer	H	739	82	151	151	169	186		17.0	4.4	13.6	20.6		55.6				3.3			B-D	1.5				3.3		1.8	B-D	11.9
	3S2	Grain	P	713	90	156	157	155	155		17.0	4.2	24.0	4.2		49.4						0.1	B-E	1.8						5.4	B-E	14.7
	3S2	Mchnry	P	630	77	127	128	149	149		11.0	4.2	24.4	4.2		43.8															B-E	0.3
	3S2	Gas	H	739	103	160	160	158	158		16.0	4.2	26.6	4.2		51.0						1.5	A-E	1.5						7.0	B-E	12.0
	3S2	Beer	P	650	84	137	138	145	146		12.0	4.0	23.0	4.0		43.0														3.0	B-E	5.8
	2S2	Mchnry	P	524	62	182	140	140			13.0	23.0	4.0			40.0	1.1								1.1							
	3S2	Produce	P	688	93	145	145	152	153		18.0	4.0	23.4	4.0		49.4														1.7	B-E	11.2
	3S2	Corn	H	718	101	151	152	157	157		12.0	4.0	25.6	4.0		45.6						4.4	A-E	4.4						9.8	B-E	10.2
	3S2	Logs	P	645	88	154	155	124	124		14.0	4.2	21.0	4.2		43.4														2.2	B-E	7.5
	3-2	Gas	H	762	93	150	151	191	177		13.4	4.2	17.0	20.0		54.6			6.1			0.3	B-D	0.8			6.1			6.0	B-D	9.8
	3-2	Water melon	H	750	99	155	155	176	165		15.0	4.4	16.6	19.3		55.3														4.3	B-D	8.5
	3S2	Produce	P	644	91	140	140	136	137		10.0	4.2	25.6	4.2		44.0														0.8	A-E	0.8
	3S2	Produce	H	725	94	154	154	161	162		17.2	4.6	26.2	4.6		52.6							D-E	0.9						2.8	A-E	2.8
	3S2	Wood	P	735	103	158	159	157	158		18.2	4.4	24.0	4.4		51.0						1.0	B-E	1.9						6.4	B-E	14.6
	3-2	Wheat	P	734	92	148	148	173	173		15.6	4.4	15.0	21.0		56.0														1.1	B-D	9.1
	3S2	Wheat	P	706	89	151	151	158	157		15.0	4.4	25.0	4.0		48.4						0.3	A-E	0.3						5.5	B-E	11.9
	3-2	Propane	H	737	95	152	153	172	165		13.0	4.0	19.0	18.0		54.0														3.5	B-E	4.3

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

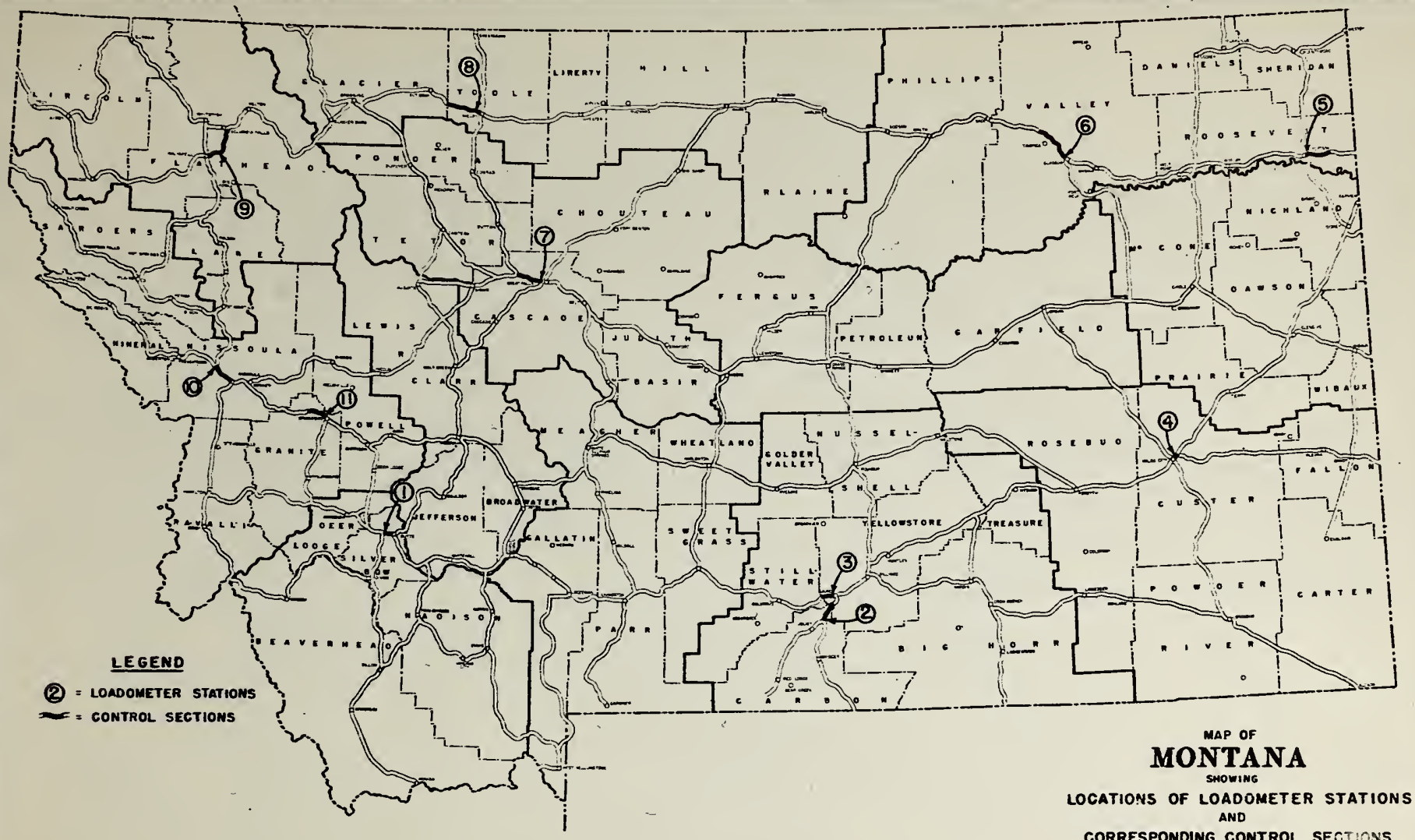
STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
10	3S2	Produce	H	623	81	142	143	128	129		14.0	4.2	22.0	4.2		44.4															B-E	2.9
	3S2	Frozen Food	H	638	77	138	138	142	143		13.0	4.0	22.2	4.0		43.2													1.1	B-E	6.6
	3S2	Fruit	H	715	88	157	157	156	157		15.0	4.2	24.0	4.2		47.4						2.7	A-E	2.7						8.1	B-E	15.4
	3S2	Plywood	P	668	83	135	135	157	158		12.0	4.0	25.0	4.0		45.0													3.3	B-E	6.1
	3S2	Grocery	P	712	84	163	164	150	151		15.0	4.2	25.0	4.2		48.4						1.1	B-E	2.2						6.4	B-E	13.9
	3-2	Gas	H	761	89	160	161	168	183		16.0	4.2	15.0	19.0		54.2				1.7		1.2	B-D	3.6				1.7		6.9	B-D	13.7
	3S2	Meat	H	663	94	151	151	133	134		13.2	4.6	25.6	4.6		48.0															B-E	0.2
	3S2	Sugar	P	664	97	153	154	130	130		17.6	4.0	24.0	4.0		49.6															B-E	4.4
	2S2	Stone	H	558	65	182	155	156			11.6	20.4	4.2			36.2	1.1								1.1						B-D	2.0
	3S2	Lumber	H	673	72	143	144	157	157		11.8	4.4	23.0	4.4		43.6													5.3	B-D	10.6
	3S2	Frozen Food	H	654	85	130	130	154	155		14.0	4.2	24.4	4.2		46.8															B-E	4.7
	3-2	Grain	P	765	96	155	156	184	174		17.4	4.2	14.0	20.0		55.6			2.2			0.1	B-D	6.7			2.2			5.4	B-D	17.6
	3S2	Logs	H	623	82	149	149	121	122		14.0	4.6	22.0	4.6		45.2															B-E	1.1
	3S2	Fruit	H	668	95	144	145	142	142		15.6	4.2	25.6	4.2		49.6															B-E	2.4
	3S2	Grocery	P	724	86	161	161	158	158		17.0	4.6	25.6	4.6		51.8							B-C	0.6						3.7	B-E	12.3
	2S1	Furn.	H	385	52	188	145				13.3	25.8				39.1	4.4								4.4							
	3S2	Frt	H	678	82	144	144	154	154		12.0	4.4	24.4	4.4		45.2													4.9	B-E	8.0
	3S2	Sheet Rock	H	717	95	158	158	153	153		17.2	4.2	25.2	4.2		50.8													3.8	B-E	11.1
	3S2	Meat	H	622	77	141	142	131	131		15.0	4.2	20.6	4.0		43.8															B-E	5.2
	3S2	Produce	H	725	93	163	163	153	153		17.0	4.4	25.6	4.4		51.4							B-C	1.9						5.0	B-E	12.9
	3S2	Lumber	P	669	77	155	155	141	141		12.0	4.0	24.0	4.0		44.0														4.7	B-E	9.0
11	3S2	Produce	H	667	70	155	155	143	144		13.6	4.6	23.0	4.6		45.8														0.8	B-E	9.9
	3S2	Logs	H	696	83	148	148	158	159		16.6	4.0	22.0	4.0		46.6							B-E	3.0						5.2	B-E	16.4
	2D1	Mchnry	P	244	38	183	2[illegible]				13.6	17.0				30.6	1.7								1.7							
	3S2	Logs	H	706	51	166	166	161	163		14.6	4.0	18.6	4.0		41.2						3.8	B-E	15.0						14.6	B-E	30.1

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 9 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO AUGUST 28, 1958

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
11	3S2	Cement	H	721	93	154	155	160	159		18.0	4.6	24.0	4.6		51.2							B-E	1.2						4.4	B-E	13.9
	3-2	Lumber	P	731	113	147	148	165	158		17.0	4.6	14.0	26.0		61.6															B-D	7.0
	3S2	Frt	H	675	87	145	145	149	149		13.2	4.0	25.0	4.0		46.2														3.2	B-D	6.6
	3S2	Wheat	H	713	85	151	151	163	163		18.0	4.6	24.0	4.0		50.6							D-E	1.9						3.2	B-E	13.9
	3S2	Grain	H	730	92	156	157	162	163		19.6	4.6	24.0	4.6		52.8							B-E	2.8						3.5	B-E	15.7
	3S2	Mchnry	H	624	71	118	118	158	159		12.0	4.0	24.0	4.0		44.0															B-E	1.6
	3S2	Cement	H	725	87	160	160	159	159		17.5	4.5	24.5	4.5		51.0							B-E	1.4						5.0	B-E	14.0
	3S2	Cement	H	712	90	152	152	159	159		18.0	4.0	24.0	4.0		50.0							B-E	1.6						4.2	B-E	14.5
	2S2	Fish	H	580	84	176	161	161			14.6	19.6	4.0			38.2							C-D	0.6							B-D	4.9
	3S2	Frt	H	660	86	138	138	149	149		10.6	4.6	25.0	4.6		44.8														2.1	B-E	2.5
	3S2	Corn	P	700	91	145	145	159	160		11.0	4.6	24.0	4.0		43.6						2.9	A-E	2.9						9.6	B-E	10.4
	3S2	Produce	H	644	66	142	142	147	147		11.0	4.0	25.0	4.0		44.0														0.8	B-E	4.8
	3S2	Produce	P	647	97	141	142	133	134		15.0	4.0	22.0	4.0		45.0														0.1	B-E	4.4
	3S2	Produce	H	660	81	134	135	155	155		12.0	4.6	24.6	4.6		45.8														0.9	B-E	3.4
	3S2	Meat	H	658	101	145	144	134	134		11.6	4.6	23.0	4.6		43.8														3.0	A-E	3.0
	3S2	Pears	H	630	75	146	146	131	132		13.6	4.6	22.6	4.6		45.4															B-E	2.2
	3S2	Lumber	H	659	88	154	155	131	131		17.0	4.6	24.6	4.0		50.2															B-E	3.5
	3S2	Peas	H	711	78	160	160	156	157		12.0	4.6	28.0	4.0		48.6														5.1	B-E	8.4
	3S2	Frt	H	654	85	134	134	150	151		10.5	4.6	25.5	4.6		45.2														2.1	A-E	2.1
	3S2	Roofing	H	677	72	149	150	153	153		17.0	4.6	24.5	4.6		50.7															B-E	8.1
	3S2	Roofing	H	706	77	152	152	162	163		15.0	4.6	25.0	4.6		49.2														4.4	B-E	12.4
	3S2	Cement	H	648	60	147	147	147	147		17.6	4.6	24.6	4.2		51.0															B-E	6.6


LEGEND
② = LOADOMETER STATIONS
= CONTROL SECTIONS
LINCOLN
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
FLATHEAD
PONDERA
CHOUTEAU
BLAINE
MCCONE
RICHLAND
SANDERS
LAKE
TETON
LEWIS & CLARK
CASCADE
FERGUS
JUDITH BASIN
PETROLEUM
GARFIELD
DAWSON
MINERAL
MISSOULA
POWELL
GRANITE
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
PRAIRIE
WIBAUX
FALLON
CUSTER
JEFFERSON
BROADWATER
DEER LODGE
SILVER BOW
GALLATIN
SWEET GRASS
YELLOWSTONE
TREASURE
STILLWATER
POWDER RIVER
CARTER
MADISON
BEAVERHEAD
PARK
BIG HORN
CARBON
MAP OF
MONTANA
SHOWING
LOCATIONS OF LOADOMETER STATIONS
AND
CORRESPONDING CONTROL SECTIONS
PREPARED BY
STATE HIGHWAY PLANNING SURVEY
IN COOPERATION WITH
U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
SEPT. 1, 1950